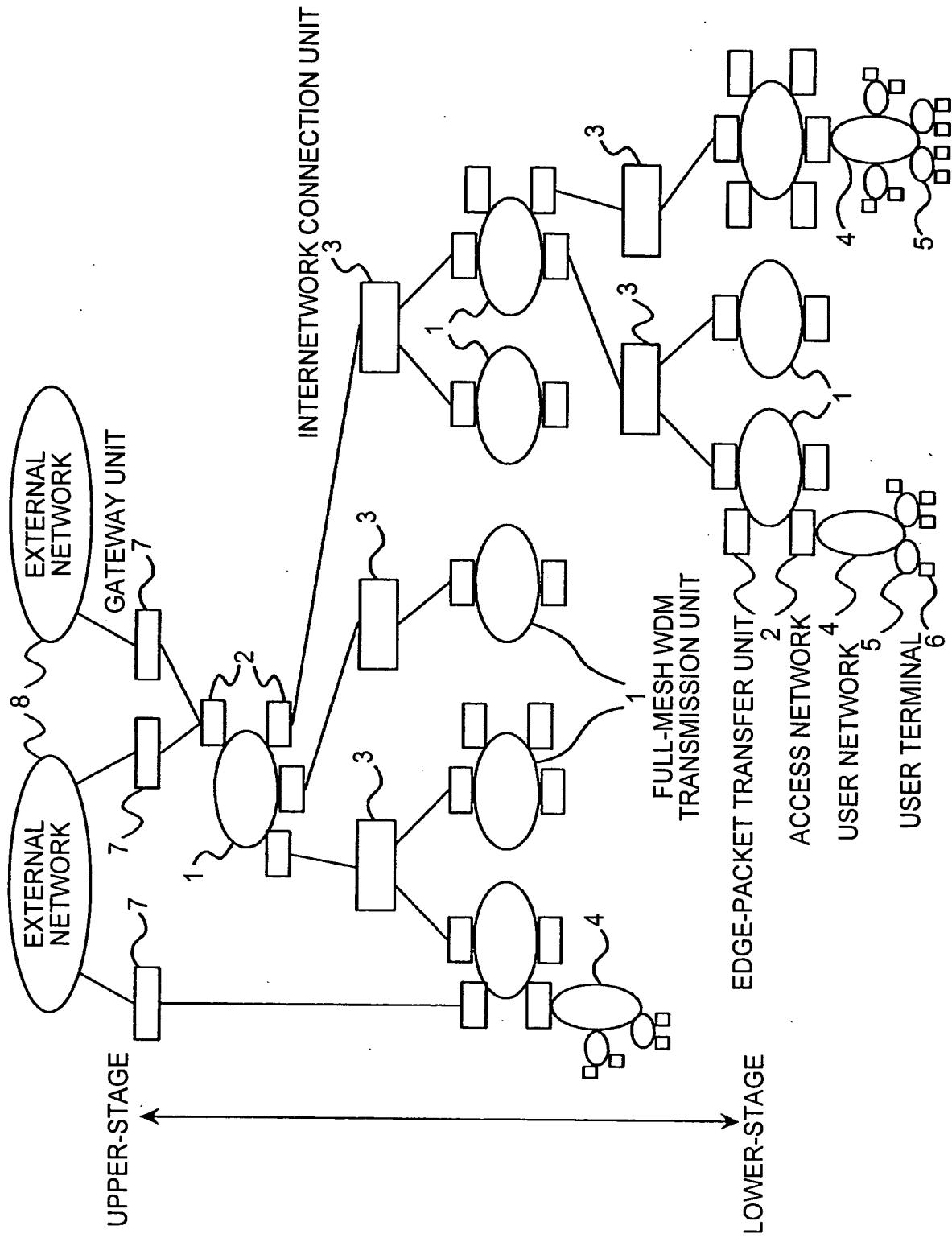
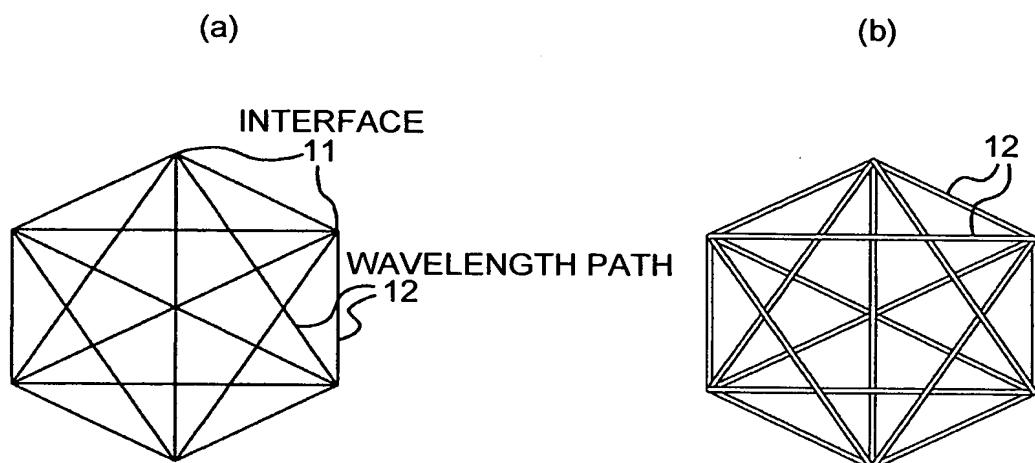


FIG.1



## FIG.2



(c)

		RECEPTION INTERFACE NUMBER				
		1	2	3	...	n
TRANSMISSION INTERFACE NUMBER	1		$\lambda 1$	$\lambda 2$	...	$\lambda n-1$
	2	$\lambda n-1$		$\lambda 1$	...	$\lambda n-2$
	3	$\lambda n-2$	$\lambda n-1$		...	$\lambda n-3$
	...	...	...	...		...
	n	$\lambda 1$	$\lambda 2$	$\lambda 3$	...	

FIG.3

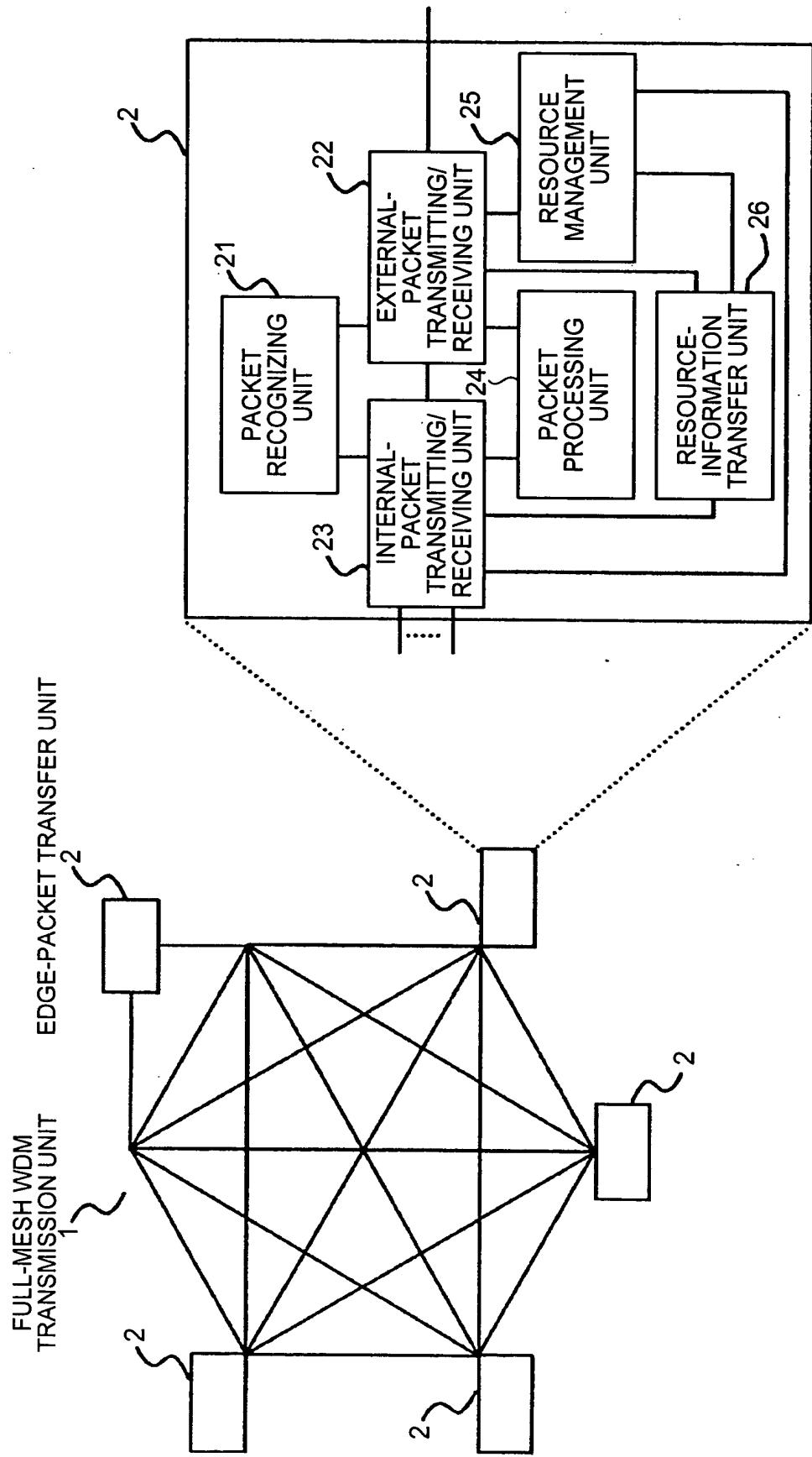


FIG. 4

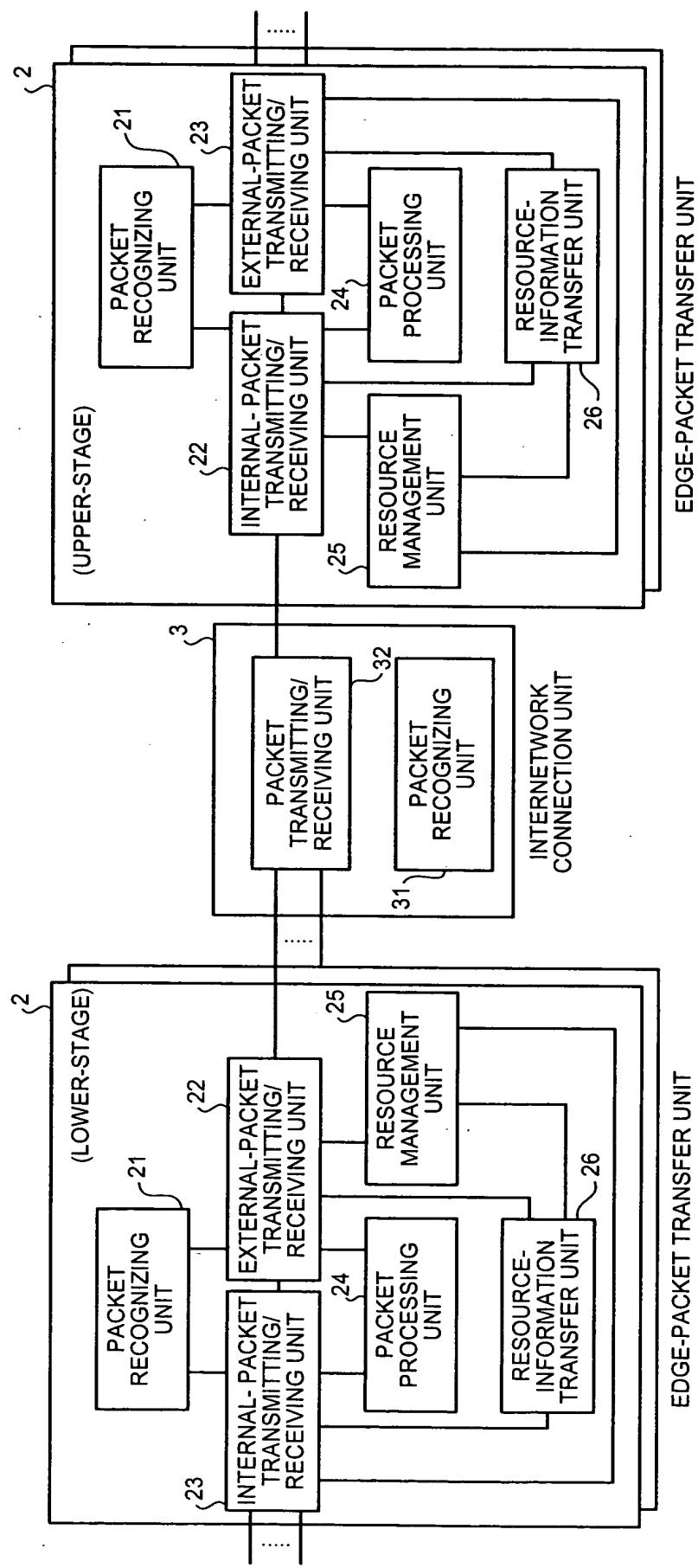
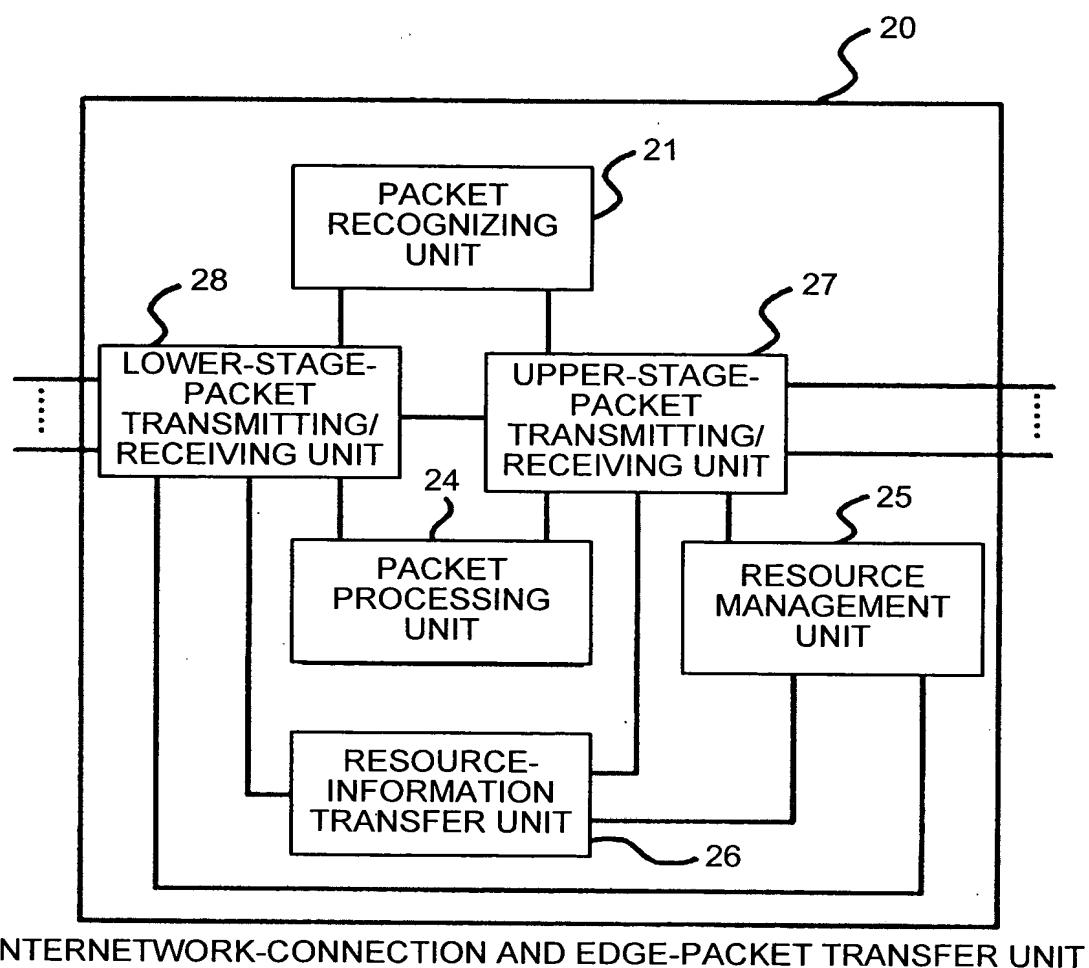


FIG.5



INTERNETWORK-CONNECTION AND EDGE-PACKET TRANSFER UNIT

FIG.6

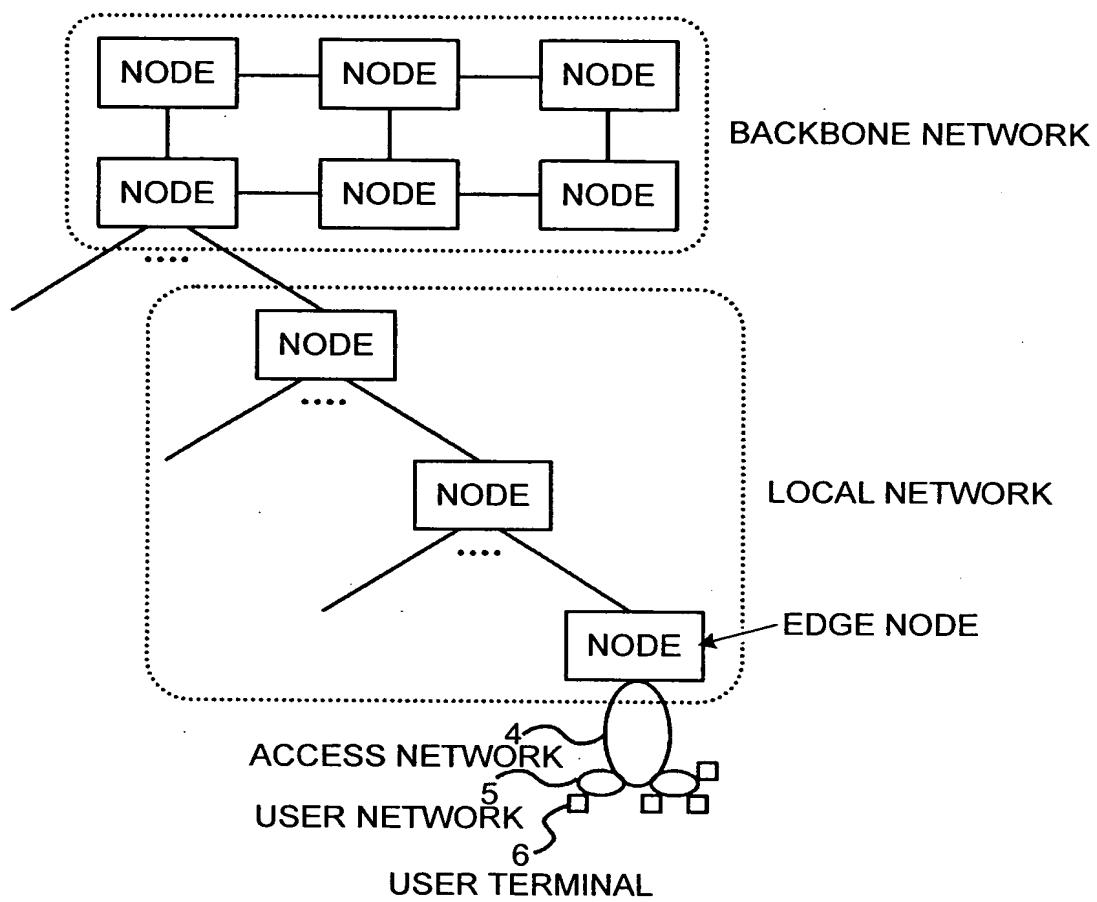


FIG.7

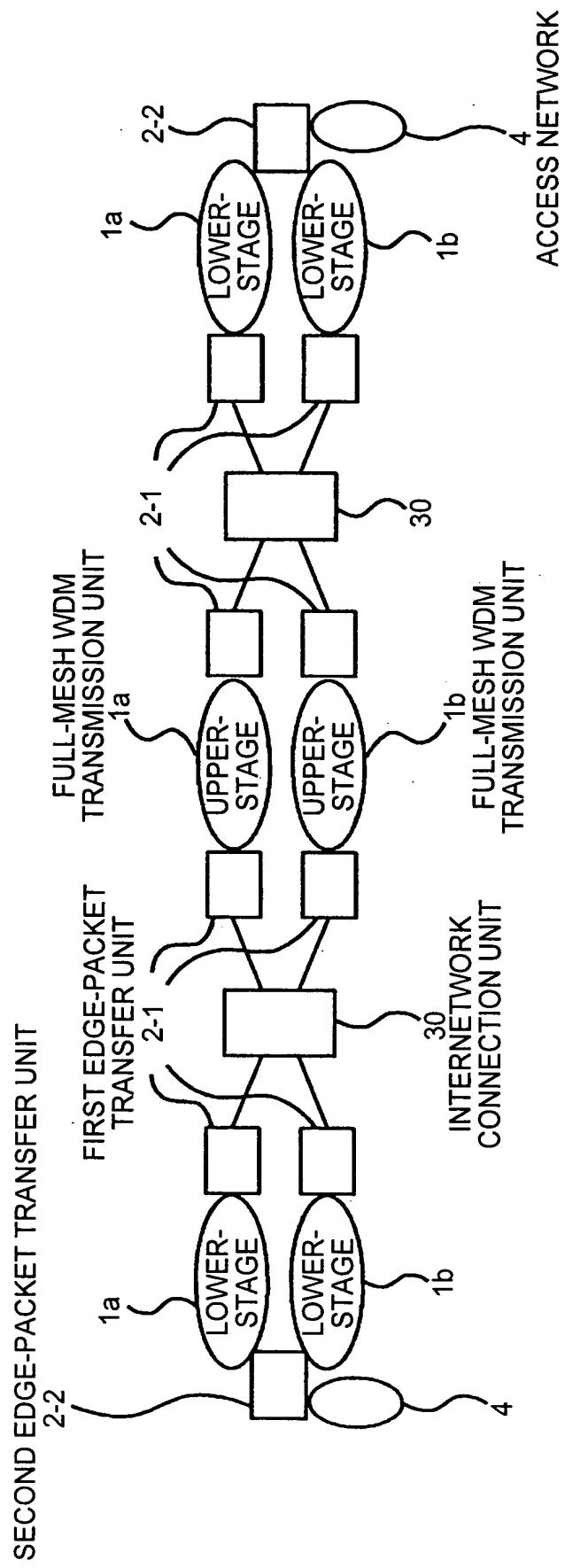


FIG.8

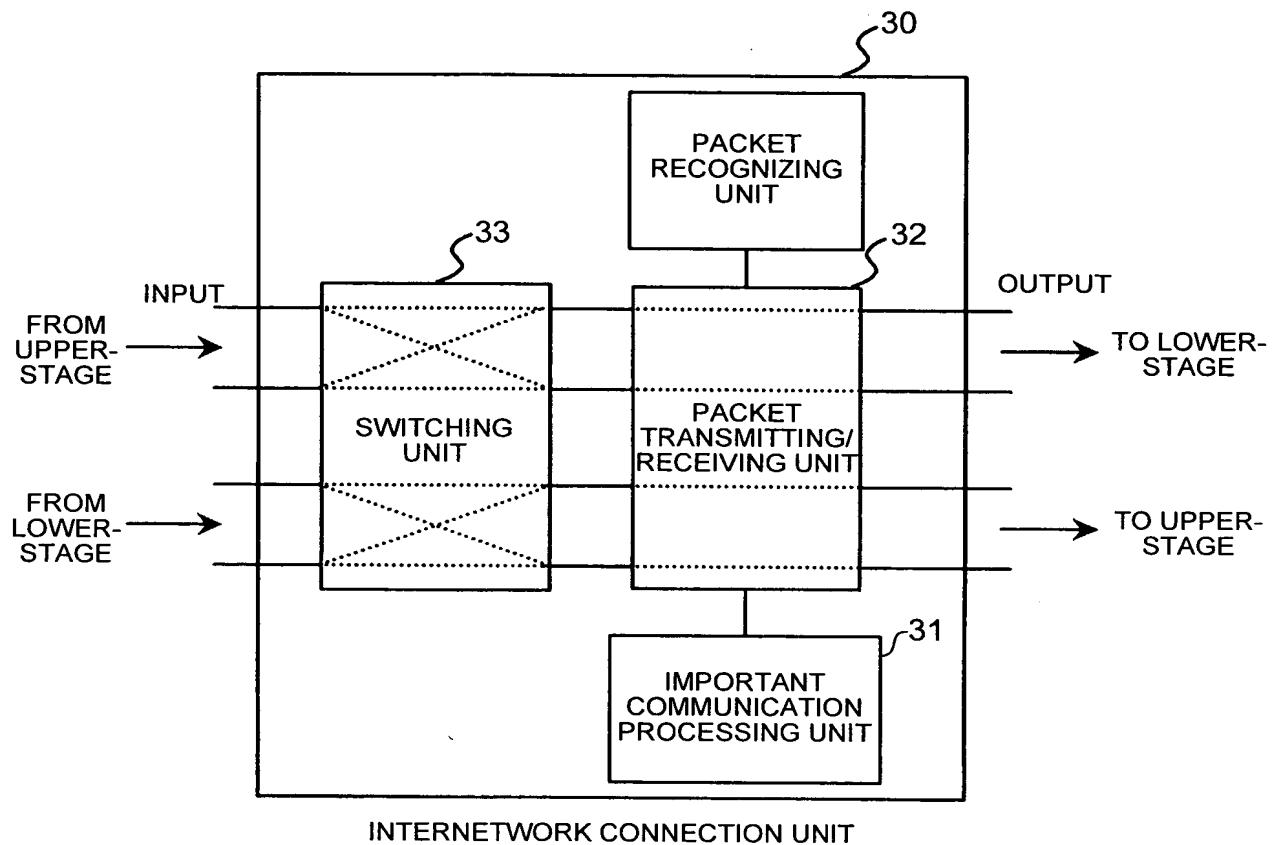
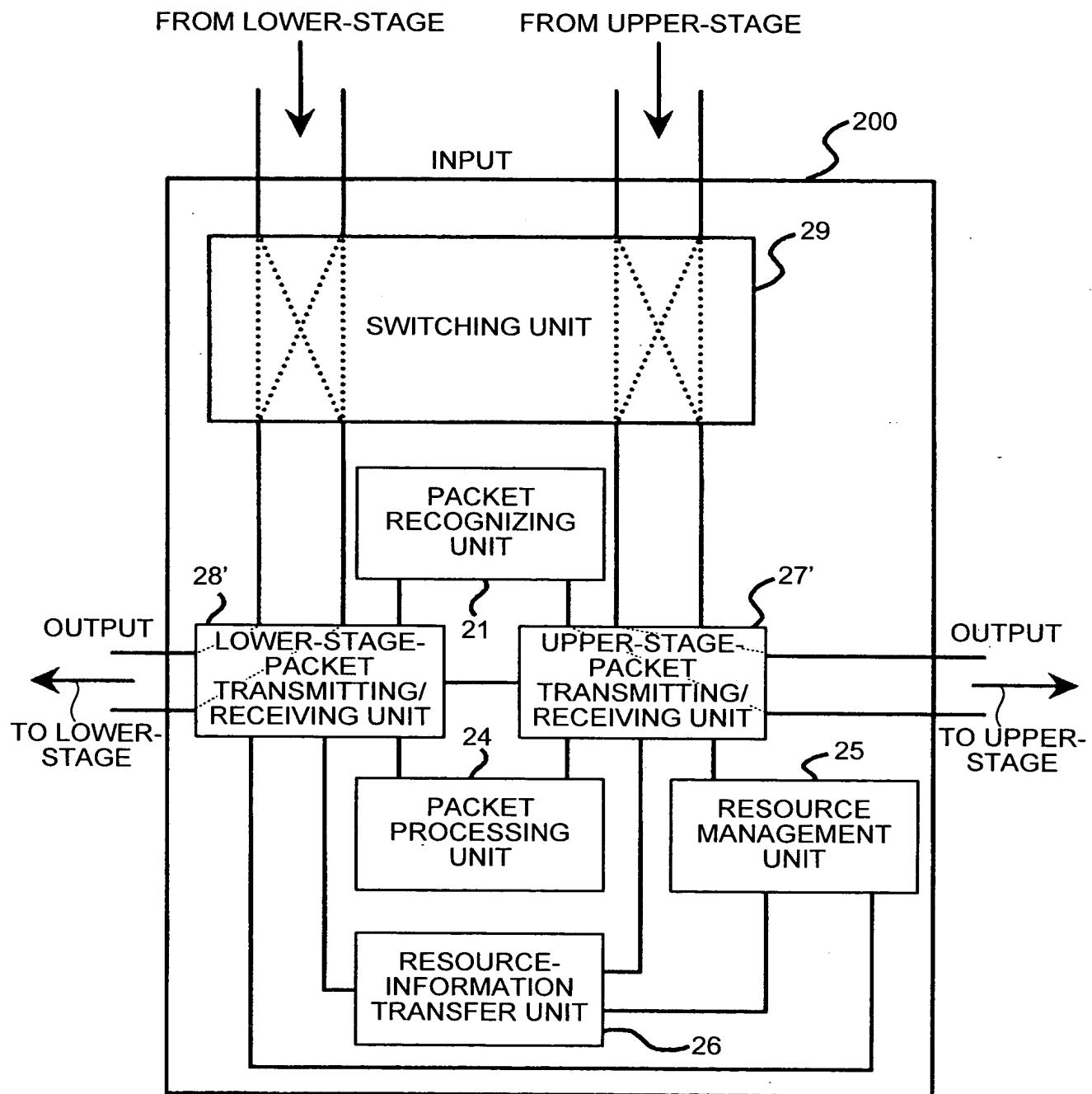
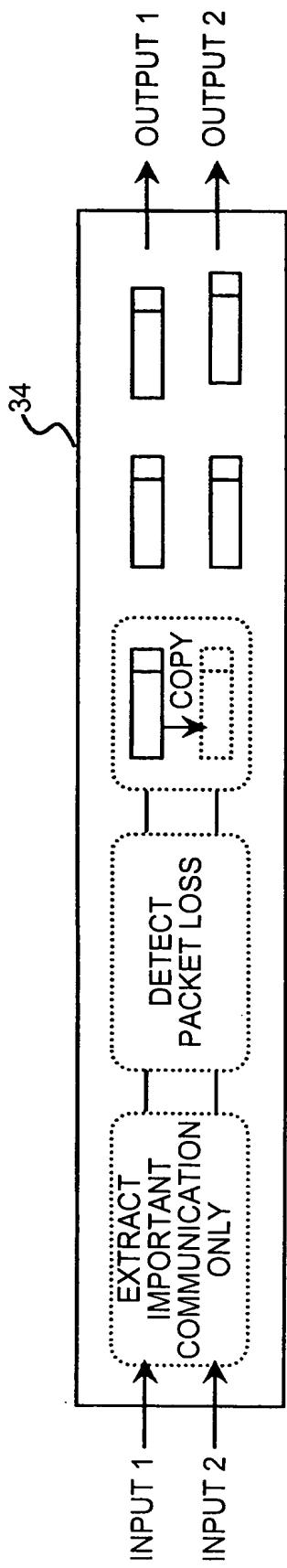


FIG.9



INTERNETWORK-CONNECTION AND EDGE-PACKET TRANSFER UNIT

FIG.10



# FIG.11

## FULL-MESH WDM TRANSMISSION UNIT

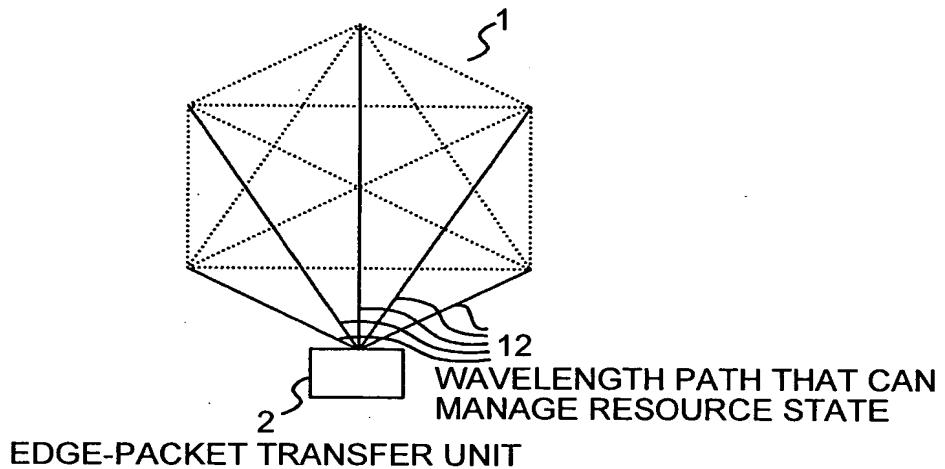


FIG.12

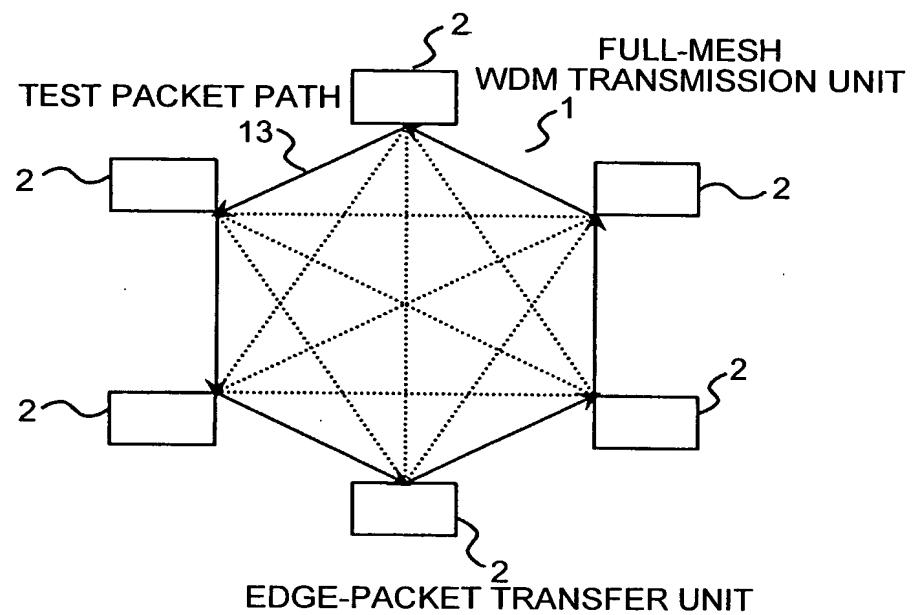


FIG. 13

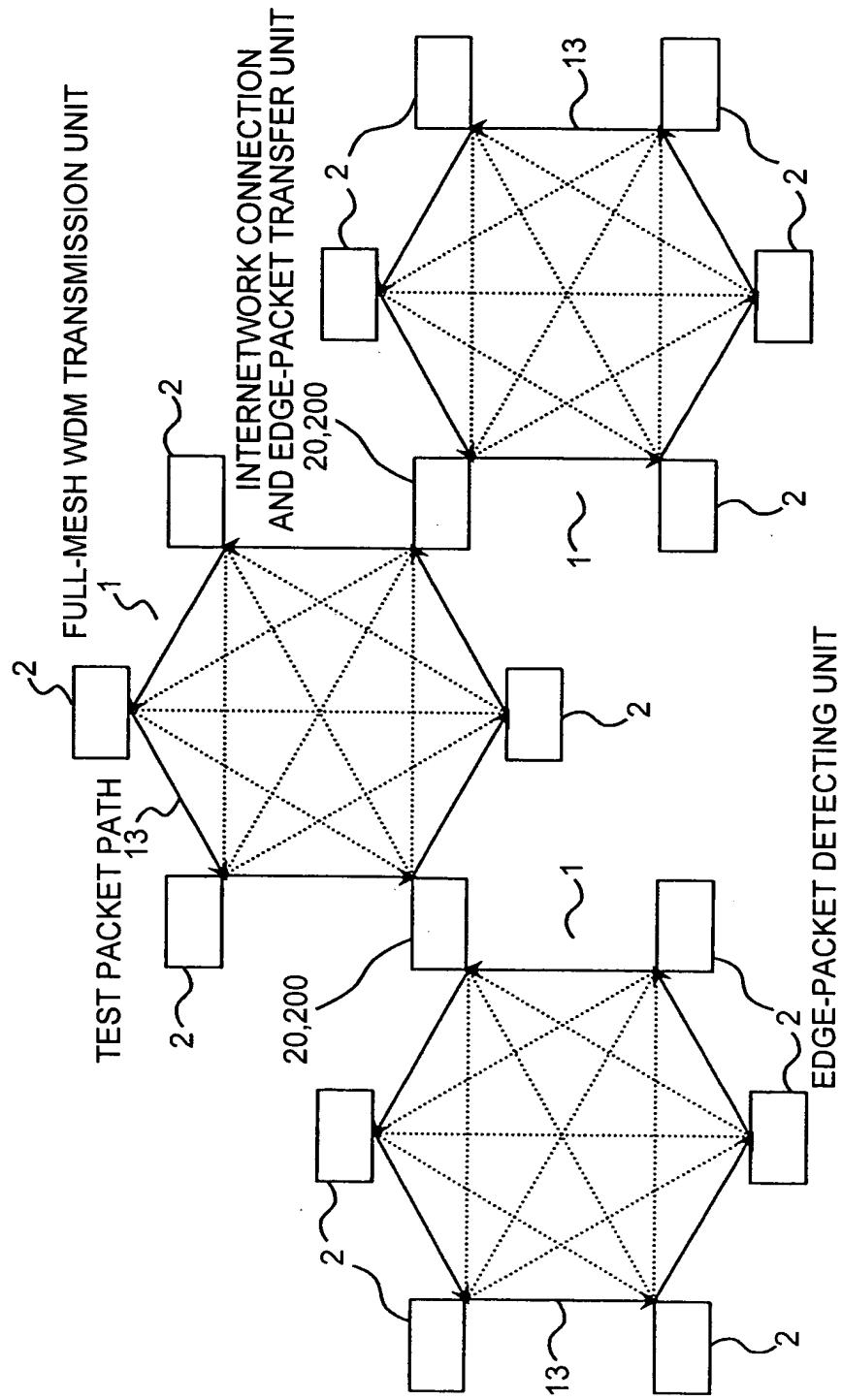


FIG.14

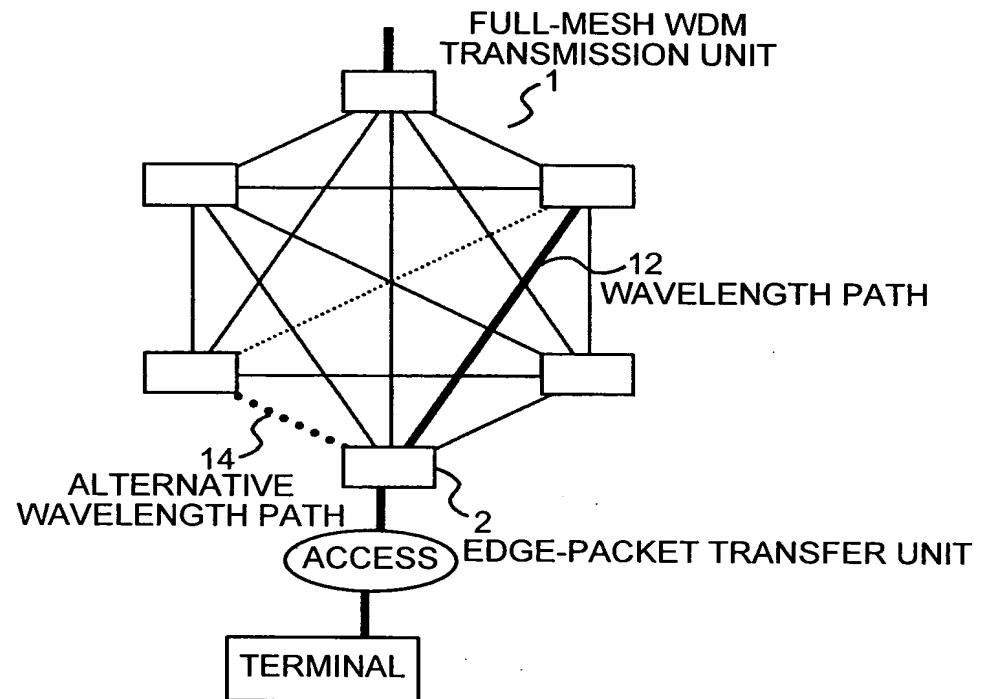


FIG. 15

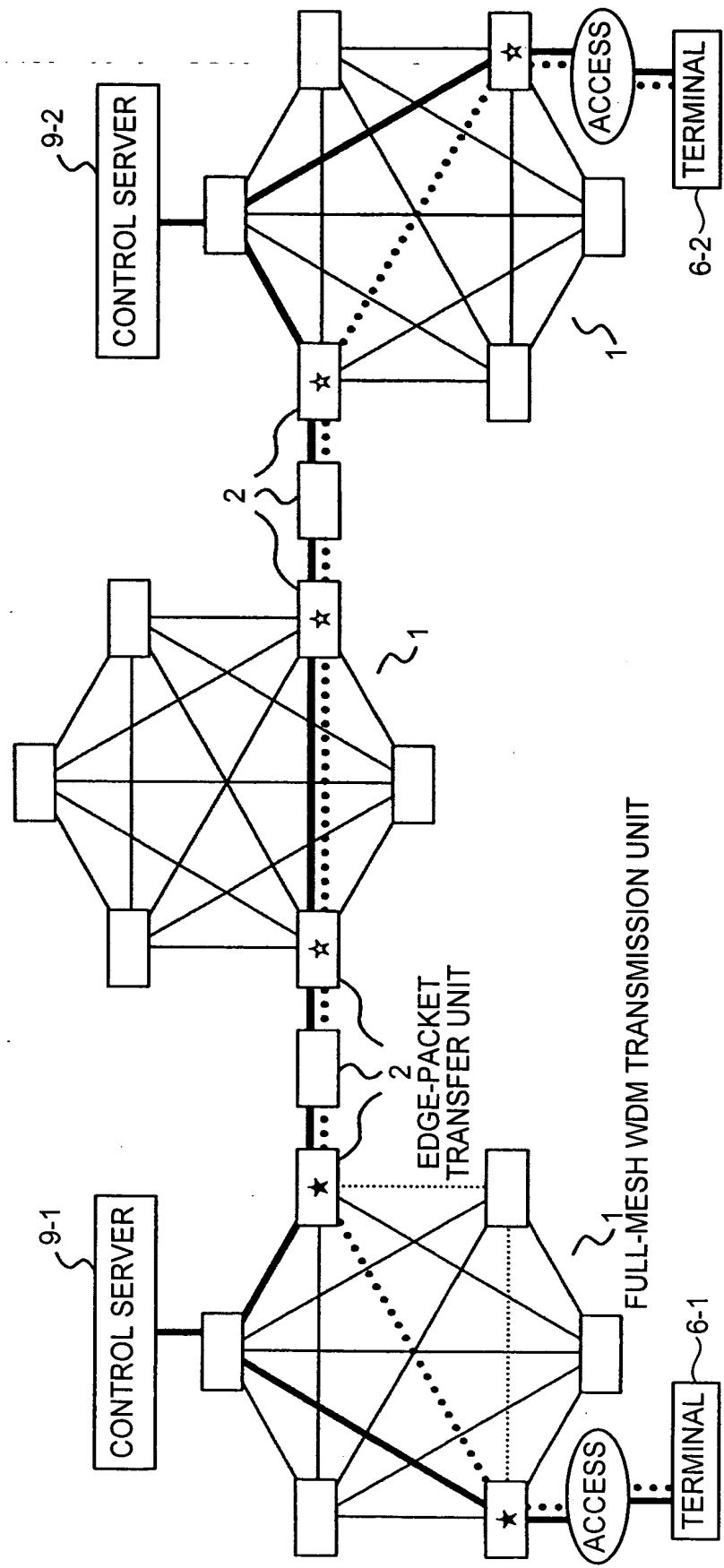


FIG. 16

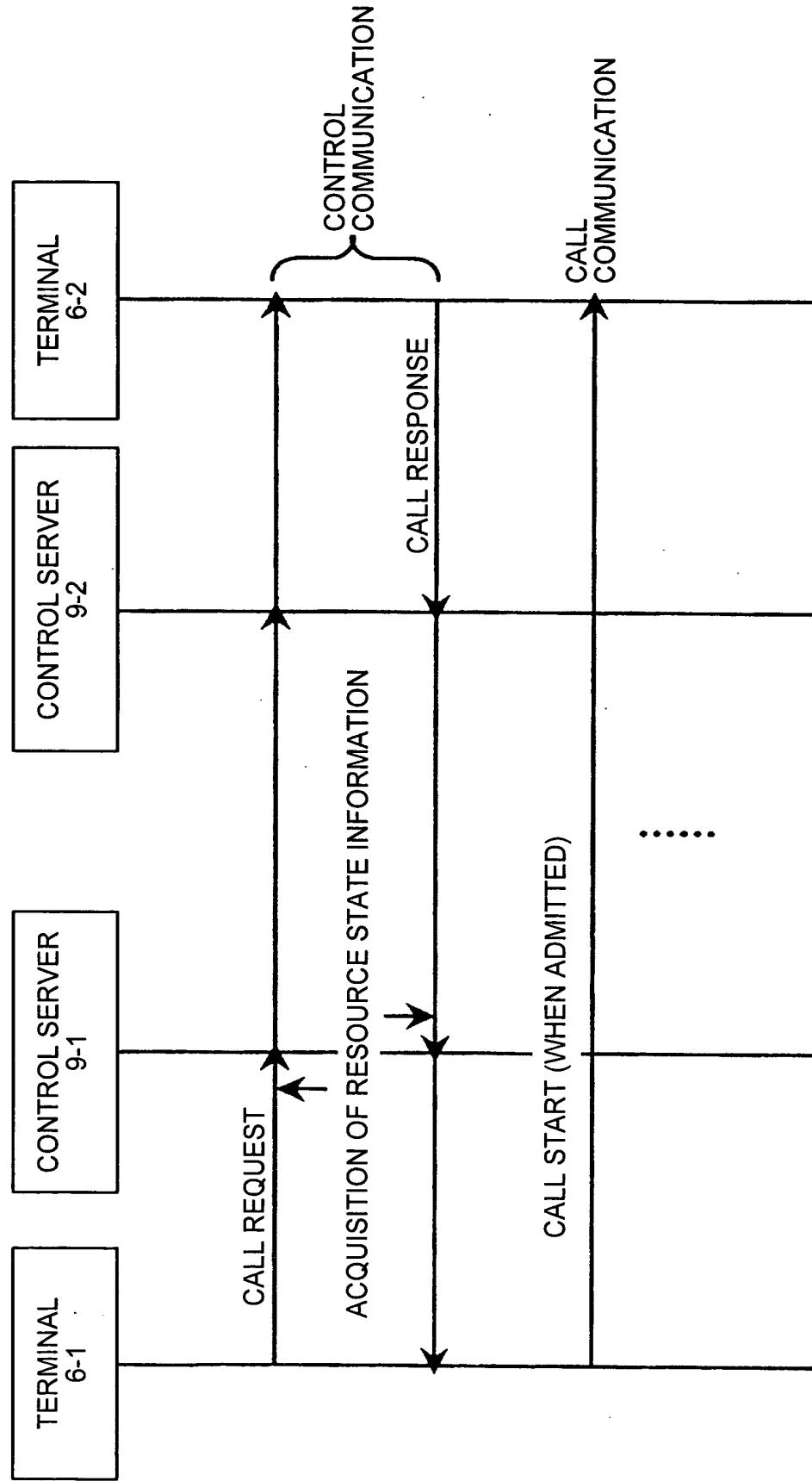


FIG. 17

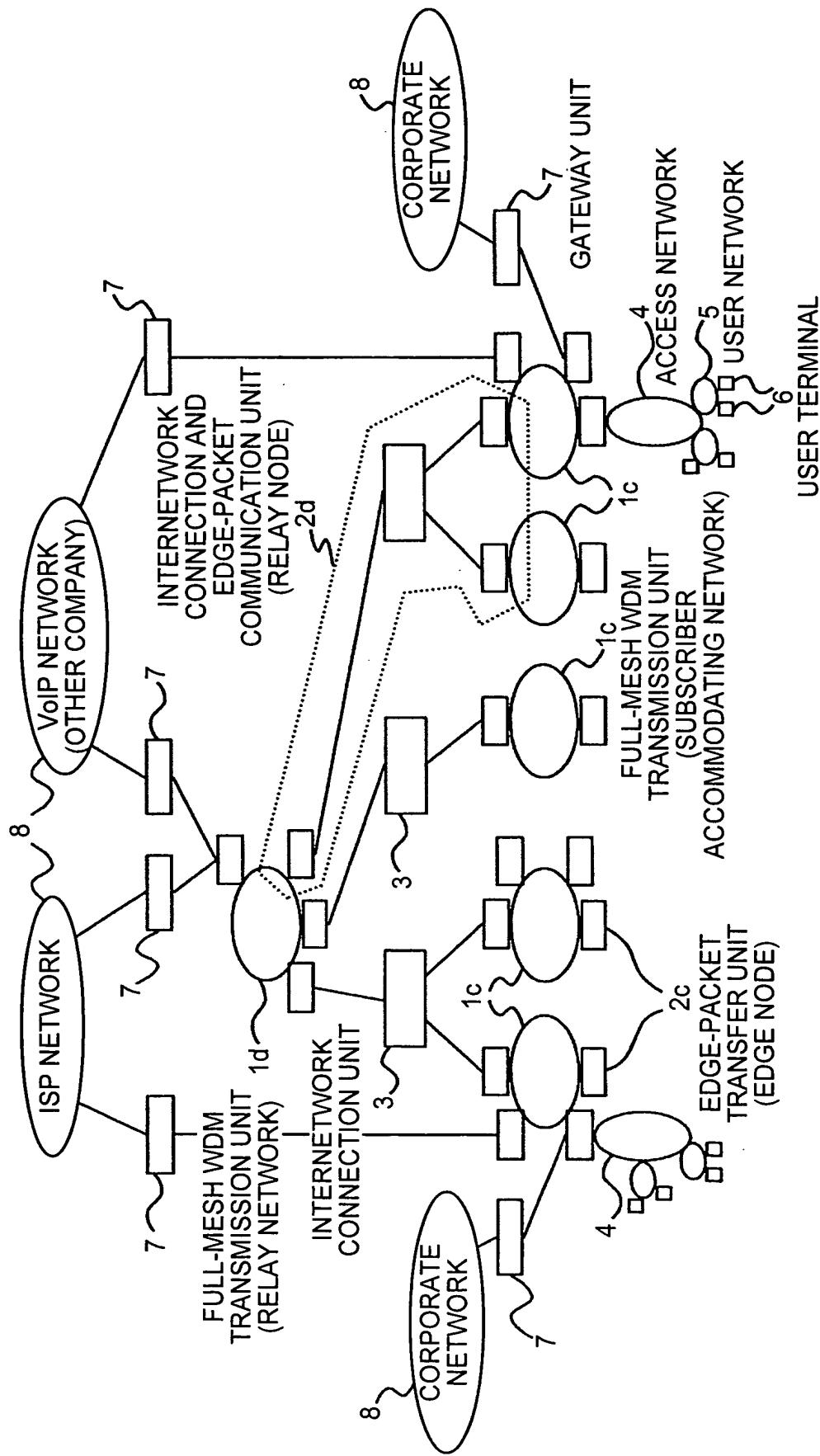


FIG. 18

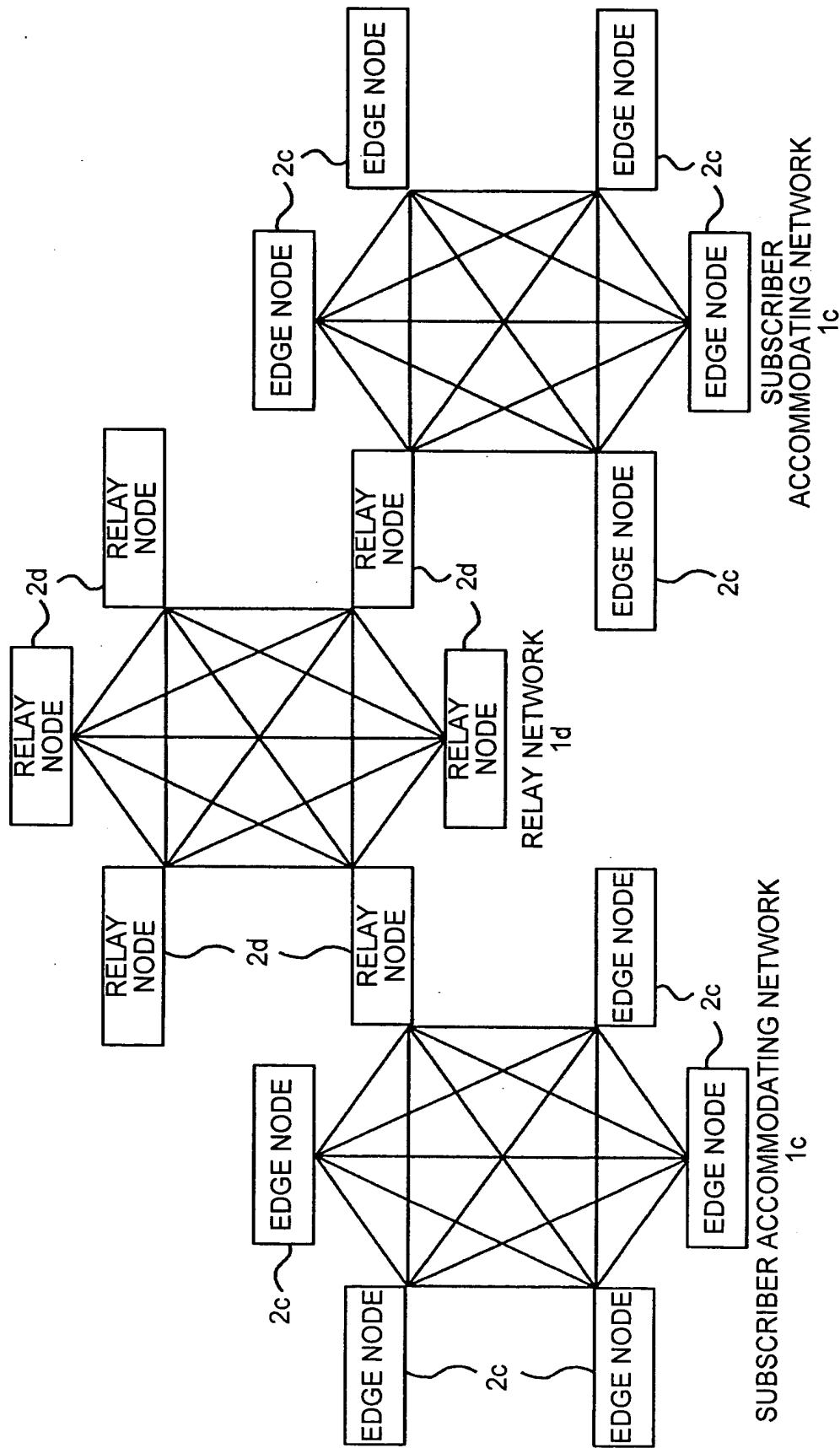


FIG.19

CORRESPONDING ROUTING TABLE	DESCRIPTION RULE OF ROUTING TABLE
SUBSCRIBER ACCOMMODATING NETWORK	DESTINATION IP ADDRESS
	OUT OF RANGE BELONGING TO SUBSCRIBER NETWORK ITSELF
	WITHIN RANGE BELONGING TO EDGE NODE ITSELF
RELAY NETWORK	WITHIN RANGE BELONGING TO THE OTHER EDGE NODE (NUMBER i)
	WITHIN RANGE BELONGING TO OWN RELAY NODE
WITHIN RANGE BELONGING TO EDGE NODE (NUMBER k) OF SUBSCRIBER ACCOMMODATING NETWORK (NUMBER j) CONNECTED TO OWN RELAY NODE	PORT CORRESPONDING TO WAVELENGTH PATH BELONGING TO OWN EDGE NODE
WITHIN RANGE BELONGING TO OTHER RELAY NODE (NUMBER i) AND WITHIN RANGE BELONGING TO SUBSCRIBER ACCOMMODATING NETWORK CONNECTED TO OTHER RELAY NODE (NUMBER j)	PORT CORRESPONDING TO WAVELENGTH PATH BELONGING TO OWN RELAY NODE
WITHIN RANGE BELONGING TO EDGE NODE (NUMBER k) OF PORT CORRESPONDING TO SUBSCRIBER ACCOMMODATING NETWORK (NUMBER j)	PORT CORRESPONDING TO WAVELENGTH PATH BELONGING TO OWN RELAY NODE
WITHIN RANGE BELONGING TO OTHER RELAY NODE (NUMBER i) AND WITHIN RANGE BELONGING TO SUBSCRIBER ACCOMMODATING NETWORK CONNECTED TO OTHER RELAY NODE (NUMBER j)	PORT CORRESPONDING TO WAVELENGTH PATH BELONGING TO OWN RELAY NODE

FIG.20

